

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
Phone No. (512) 322-2212 Fax No. (512) 463-6693

## PRODUCT EVALUATION

WIN-1856

Effective Date: February 1, 2014

Reevaluation Date: **May 2015**

*The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.*

*This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.*

*This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.*

**143.000 and 145.000 Vinyl Fixed Windows, New and Replacement Construction, Non-Impact Resistant**, manufactured by

**Earthwise Group, LLC**, manufactured by  
**Showcase Custom Windows and Doors**  
**1702 Cullen Blvd.**  
**Houston, Texas 77023**  
**Telephone: (713) 926-8500**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	143.000/145.000 Wet Glazed Vinyl Fixed Windows; New Construction	FW-C80 60 x 60	± 80 psf
2	143.000/145.000 Wet Glazed Vinyl Fixed Windows; New Construction	FW-R80 72 x 48	± 80 psf
3	143.000 Vinyl Fixed Windows; New Construction	FW-C80 64 x 84	± 80 psf
4	143.000 Vinyl Fixed Windows; New Construction	FW-C75 50 x 63	± 75 psf
5	143.000 Wet Glazed Vinyl Fixed Windows; Replacement Construction	FW-C80 64 x 84	± 80 psf
6	143.000 Wet Glazed Vinyl Fixed Windows; Replacement Construction	FW-C80 50 x 63	± 75 psf

### Product Dimensions:

System	Overall Window Size
1	60.00" x 60.00"
2	72.00" x 48.00"
3	64.00" x 84.00"
4	50.00" x 63.00"
5	64.00" x 84.00"
6	50.00" x 63.00"

**Product Identification (Certification Agency Label on Window):**

System		
1	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR No. 839-791
	Product Name	143.00/145.000 Wet Glazed Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
2	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR No. 839-793
	Product Name	143.00/145.00 Wet Glazed Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
3	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR No. 839-1061
	Product Name	143.00 NC Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
4	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR No. 839-1063
	Product Name	143.00 NC Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
5	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR No. 839-769
	Product Name	143.00 Wet Glazed Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05
6	Certification Agency	Keystone
	Manufacturer's Name or Code Name	CAR No. 839-771
	Product Name	143.00 Wet Glazed Picture Window
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

**Impact Resistance:**

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation**

System		
1, 2, 3, 4	Type of Installation	New Construction – Nailing Fin
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Located approximately 2 inches from each corner and approximately 12 inches on center along the perimeter
	Fastener Penetration	Minimum of 1 ½ inches into the wall framing members
5, 6	Type of Installation	Replacement Construction – Frame
	Wall Framing	Spruce-Pine-Fir
	Fasteners	Minimum No. 8 Screws
	Fastener Location/Spacing	Along each side jamb, located approximately 6 inches from each corner and one (1) at the mid span
	Fastener Penetration	Minimum of 1 ½ inches into the wall framing members

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.